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Substitute for form 1448A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete If Known

Application Number	10/705,470
Filing Date	November 10, 2003
First Named Inventor	Robert L. Fair et al.
Group Art Unit	2184
Examiner Name	Not yet assigned
Attorney Docket Number	112056-0123

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AD		10/027,634		EDWARDS et al.		U.S. Patent Application filed December 21, 2001 entitled FILE SYSTEM DEFRAGMENTATION TECHNIQUE VIA WRITE ALLOCATION
AD		10/215,917		PAWLOWSKI et al.		U.S. Patent Application filed August 9, 2002 entitled MULTI-PROTOCOL STORAGE APPLIANCE THAT PROVIDES INTEGRATED SUPPORT FOR FILE AND BLOCK ACCESS PROTOCOLS
AD		10/705,493		HAMILTON et al.		U.S. Patent Application filed November 10, 2003 entitled SYSTEM AND METHOD FOR MANAGING FILE DATA DURING CONSISTENCY POINTS
AD		10/705,025		HAMILTON et al.		U.S. Patent Application filed November 10, 2003 entitled SYSTEM AND METHOD FOR MANAGING FILE METADATA DURING CONSISTENCY POINTS
		6,571,261	B1	WANG-KNOP et al.	05-27-2003	
		6,397,311	B1	CAPPS	05-28-2002	
		6,643,654	B1	PATEL et al.	11-04-2003	
		5,963,962		HITZ et al.	10-05-1999	
		6,038,570		HITZ et al.	03-14-2000	
		5,819,292		HITZ et al.	10-06-1998	
		5,163,131		ROW et al.	11-10-1992	
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		5,485,579		HITZ et al.	01-16-1996	
		5,802,366		ROW et al.	09-01-1998	
		5,931,918		ROW et al.	08-03-1999	
		5,941,972		HOESE et al.	08-24-1999	

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		Number	Kind Code ² (if known)			
		6,065,037		HITZ et al.	05-16-2000	
		US2002/011 6593	A1	KAZAR et al.	08-22-2002	
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		6,173,293		THEKKATH et al.	01-09-2001	

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Sheet	3	of	5
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Substitute for form 1448A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		Complete if Known	
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First Named Inventor		Robert L. Fair et al.	
Group Art Unit		2184	
Examiner Name		Not yet assigned	
Attorney Docket Number		112056-0123	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"NETWORK APPLIANCE ENDS NAS/SAN WAR" by COMPUTERWIRE, http://www.theregister.co.uk/content/63/27368.html ; posted on February 10, 2002	
		DAVID HITZ et al. TR3002 File System Design for a NFS File Server Appliance published by Network Appliance, Inc.	
		Common Internet File System (CIFS) Version: CIFS-Spec 0.9, Storage Networking Industry Association (SNIA), Draft SNIA CIFS Documentation Work Group Work-in-Progress, Revision Date: 3/26/2001	
		Fielding et al. (1999) Request for Comments (RFC) 2616, HTTP/1.1	
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		Unix Workstation System Administration Education Certification Course, January 8, 2002	
		Auspex Systems, LFS - A Local File System for Multiprocessor NFS Network Servers, 1994	
		Maintenance Procedures ND (8C) nd-network disk control February 1985	
		Misc. Reference Manual Pages ND (4P) nd-network disk driver 26 July 1985	
	Asante EN/SC Adapter Family Installation Guide May 1994		

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	First Named Inventor	Robert L. Fair et al.	
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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A		Asante Desktop EN/SC Adapters User's Manual April 1996	
		Performance Without Compromise: The Virtual Storage Architecture 1997	
		CALLAGHAN B. "NFS Version 3 Protocol Specification", Request for Comments (RFC) 1813 June 1995	
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		Number	Kind Code ² (if known)			
A	1	4,570,217		Allen et al.	02-11-1986	
	2	5,163,131		Row et al.	11-10-1992	
A	3	5,202,979		Hillis et al.	04-13-1993	
	4	5,278,979		Foster et al.	01-11-1994	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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A	5	AKYUREK, SEDAT, <i>Placing Replicated Data to Reduce Seek Delays</i> , Department of Computer Science, University of Maryland, UMIACS-TR-91-121, CS-TR-2746, August 1991.
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	18	KEMPER, ALFONS, ET AL., <i>Performance Tuning for SAP R/3</i> , Data Engineering Journal 22, 2 1999 pp. 33-40.	
	19	KENT, JACK ET AL., <i>Optimizing Shadow Recovery Algorithms</i> , IEEE Transactions on Software Engineering, 14(2): 155-168, February 1988.	
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	21	LORIE, RAYMOND, A. <i>Physical Integrity in a Large Segmented Database</i> , ACM Trans. Database Syst., vol. 2, March 1977, pp. 91-104.	
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	26	QUINLAN, SEAN, <i>A Cached WORM File System</i> , Software-Practice and Experience, 21(12):1289-1299 1991.	
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	38	ZAYAS, EDWARD R., <i>AFS-3 Programmer's Reference: Architectural Overview</i> , Transarc Corporation, Pittsburgh, PA, 1.0 edition 1991.	

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Sheet 1 of 5

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Application Number	10/705,470
Filing Date	November 10, 2003
First Named Inventor	Robert L. Fair et al.
Group Art Unit	2184
Examiner Name	Not yet assigned
Attorney Docket Number	112056-0123

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CJ	1	Re. 34,100		Hartness	10-13-1992	
	2	4,156,907		Rawlings, et al.	05-29-1979	
	3	4,399,503		Hawley	08-16-1983	
	4	4,598,357		Swenson et al.	07-01-1986	
	5	4,688,221		Nakamura et al.	08-18-1987	
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	9	4,837,675		Bean et al.	06-06-1989	
	10	4,864,497		Lowry et al.	09-05-1989	
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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CJ	19	WO	89/10594		Krakauer, Amo	11-02-1989		

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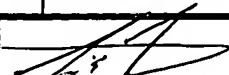
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Sheet	2	of	5														

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W	20	Administration Guide found at http://www.openafs.org/pages/doc/AdminGuide/auagd010.htm , visited on 3/2/2005	
W	21	BASILICO, ET AL., <i>Error Correction System Using "Shadow Memory,"</i> IBM Technical Disclosure Bulletin, May 1984, pp. 5792-5793	
W	22	BITTON, DINA, <i>Disk Shadowing</i> , Proceedings of the 14 th VLDB Conference, LA, CA (1988)	
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W	24	BORENSTEIN, NATHANIEL S., <i>CMU's Andrew project a retrospective</i> , Communications of ACM, (39)12, December 1996	
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Examiner Signature		Date Considered	4/10/06

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A	35	HOWARD, JOHN H, ET AL., <i>Scale and Performance in a Distributed File System</i> , Carnegie Mellon University, CMU-ITC-87-068, Aug. 5, 1987	
A	36	HOWARD, JOHN, H. ET AL., <i>Scale and performance in a distributed file system</i> , ACM Trans. Computer. System., 6(1), Feb. 1988 pp. 51-81	
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	56	PETERSON, ZACHARY NATHANIEL JOSEPH, <i>Data Placement for Copy-on-Write Using Virtual Contiguity</i> , University of CA, Santa Cruz, Master of Science in Computer Science Thesis, September 2002	
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	62	ROSENBLUM, MENDEL, ET AL., <i>The Design and Implementation of a Log-Structured File System</i> , In Proceedings of ACM Transactions on Computer Systems, (10)1:26-52, February 1992	
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	65	SATYANARAYANAN, M., ET AL., <i>The ITC Distributed File System: Principles and Design</i> , In Proceedings of the 10th ACM Symposium on Operating Systems Principles, (19)5:56-67, December 1985	
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